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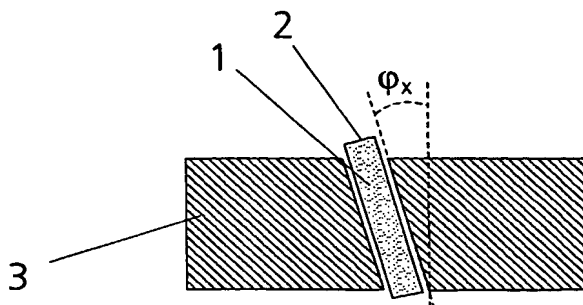
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(54) Title: FACET MIRRORS AND A METHOD FOR PRODUCING MIRROR FACETS



(57) Abstract: In a method for producing mirror facets (1)
for facet mirrors in illuminating devices or projection ex-
posure machines in microlithography by using radiation in
the extreme ultraviolet range, individual tilting angles are
recessed into an optical surface (2) of the mirror facet (1),
preferably a surface with tilting angles relative to a refer-
ence surface of the mirror facet (1) is machined into or on
said optical surface.